

| L Number | Hits | Search Text   | DB  | Time stamp       |
|----------|------|---|---|------------------|
| 24       | 149  | (feedforward) near4 servo   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/10 17:33 |
| 25       | 27   | (feedforward) near4 dsp   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/10 17:01 |
| 26       | 83   | (feedforward) near4 processor   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/10 18:54 |
| -        | 1    | 369/47.17,47.38,47.34,53.12-53.14,53.18,247,251,263.ccls. and (feedforward feed-forward feed near forward) same controller same DSP   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/01 15:39 |
| -        | 1    | 369/47.17,47.38,47.34,53.12-53.14,53.18,247,251,263.ccls. and adaptat\$3 same controller same filter                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/01 15:07 |
| -        | 60   | (feedforward feed-forward feed near forward) same adaptation same controller  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/01 15:10 |
| -        | 495  | (feedforward feed-forward feed near forward) same (digital near signal near proces\$5 micro-proce\$3 microproces\$3)                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/01 15:14 |
| -        | 642  | algorithm same (dsp microproces\$4 digital near signal near proces\$4) same filter and (shock vibrat\$3 disturb\$4 impact)            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/01 15:17 |
| -        | 26   | (feedforward feed-forward feed near forward) same (digital near signal near proces\$5 micro-proce\$3 microproces\$3) and 381/\$.ccls. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/01 15:17 |
| -        | 50   | (feedforward feed-forward feed near forward) same (digital near signal near proces\$5 micro-proce\$3 microproces\$3) and 360/\$.ccls. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/01 15:25 |
| -        | 1    | algorithm same (dsp microproces\$4 ) same filter same parameter same values and 360/\$.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/01 15:29 |
| -        | 142  | adaptation same algorithm same (dsp microproces\$4 digital near signal near proces\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/01 15:32 |
| -        | 2    | (369/\$.ccls. or 360/\$.ccls. or 381/\$.ccls.) and shock with resistant with dis\$2 with player                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT  | 2003/07/01 15:34 |

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| - | 6   | (369/\$.ccls. or 360/\$.ccls. or 381/\$.ccls.) and vibrat\$4 with resistant with dis\$2 with player | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/01 15:34 |
| - | 126 | 369/53.18.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/01 17:14 |
| - | 89  | 381/71.1-71.14.ccls. and adapt\$8 with filter same control same (vibrat\$4 disturb\$4)              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/01 16:04 |
| - | 114 | feedforward same controller same (dsp digital near signal processor)                                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 08:37 |
| - | 45  | feed-forward same controller same (dsp digital near signal processor)                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 08:38 |
| - | 29  | feed-forward same parameter same (dsp digital near signal processor)                                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 09:13 |
| - | 1   | feed-forward same values same (dsp digital near signal processor) and 381/\$.ccls.                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 09:05 |
| - | 2   | 369/53.18.ccls. and (feed-forward feedforward)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 09:09 |
| - | 4   | feed-forward same values same (dsp digital near signal processor) and 360/\$.ccls.                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 09:08 |
| - | 162 | 369/\$.ccls. and (feed-forward feedforward)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 09:09 |
| - | 58  | 369/\$.ccls. and (vibration disturbance noise) same DSP same filter                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 09:44 |
| - | 2   | 369/53.18.ccls. and accelerat\$4 same sensor same DSP   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 09:53 |
| - | 18  | 369/\$.ccls. and accelerat\$4 same sensor same DSP  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 09:54 |

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| - | 2   | 360/\$.ccls. and accelerat\$4 same sensor same DSP                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 09:56 |
| - | 66  | accelerat\$4 same sensor same DSP   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 10:22 |
| - | 42  | feed-forward same reference same (dsp digital near signal processor)            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 10:16 |
| - | 24  | shock with dis\$2 with drive same resist\$4 and 369/\$.ccls.                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 10:37 |
| - | 197 | shock with dis\$2 with drive same resist\$4 and 360/\$.ccls.                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 10:58 |
| - | 11  | (external internal) with disturb\$4 with dis\$2 with drive and 369/\$.ccls.     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:05 |
| - | 1   | CD with drive with shock with resist\$5   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:03 |
| - | 34  | CD with drive with shock  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:04 |
| - | 172 | dis\$2 with (player reprodu\$4) with shock and 369/\$.ccls.                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:14 |
| - | 4   | shock with dis\$2 with drive same resist\$4 same sensor and 360/\$.ccls.        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:47 |
| - | 8   | dis\$2 with (player reprodu\$4) with vibrat\$5 with sensor and 369/\$.ccls.     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:06 |
| - | 8   | dis\$2 with (player reprodu\$4) with vibrat\$4 with sensor and 369/\$.ccls.     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:15 |
| - | 2   | dis\$2 with (player reprodu\$4) with disturb\$3 with detect\$4 and 369/\$.ccls. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:16 |

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| - | 80 | dis\$2 with (player reprodu\$4) with vibrat\$4 with detect\$4 and 369/\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:20 |
| - | 3  | dis\$2 with (player reprodu\$4) with shock with sensor and 360/\$.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:27 |
| - | 12 | temperature same sensor same (feedforward feed-forward) same sensor same (DSP processor)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:27 |
| - | 4  | temperature same sensor same (feedforward feed-forward) same sensor same (DSP processor) and dis\$2 same (player drive reproduc\$5)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 11:26 |
| - | 17 | shock same attenuat\$4 same dis\$2 same (read\$5 reproduc\$4 record\$4) same (palyer system driv\$4)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 13:15 |
| - | 10 | shock same attenuat\$4 same dis\$2 same (read\$5 reproduc\$4 record\$4) not (shock same attenuat\$4 same dis\$2 same (read\$5 reproduc\$4 record\$4) same (palyer system driv\$4))                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 13:35 |
| - | 8  | 369/44.32.ccls. and vibrat\$4 with detect\$4 and control same DSP  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 14:16 |
| - | 11 | 369/44.32.ccls. and vibrat\$4 with detect\$4 and control same (DSP digital near signal near process\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 14:21 |
| - | 43 | 369/\$.ccls. and vibrat\$4 with detect\$4 and control same (DSP digital near signal near process\$4) not (369/44.32.ccls. and vibrat\$4 with detect\$4 and control same (DSP digital near signal near process\$4)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERMENT | 2003/07/02 14:24 |